

## Electronic Acknowledgement Receipt

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|------------------------------------------|------------------------------------------------------------------------------------------|
| <b>EFS ID:</b>                           | 1168642                                                                                  |
| <b>Application Number:</b>               | 10598285                                                                                 |
| <b>Confirmation Number:</b>              | 2329                                                                                     |
| <b>Title of Invention:</b>               | COOLING SYSTEM FOR DEVICES HAVING POWER SEMICONDUCTORS AND METHOD FOR COOLING THE DEVICE |
| <b>First Named Inventor:</b>             | Gerold Gruendler                                                                         |
| <b>Customer Number:</b>                  | 25281                                                                                    |
| <b>Filer:</b>                            | Steven Edward Dicke/Ursula Weeks                                                         |
| <b>Filer Authorized By:</b>              | Steven Edward Dicke                                                                      |
| <b>Attorney Docket Number:</b>           | I431.174.101/FIN565PCT/US                                                                |
| <b>Receipt Date:</b>                     | 23-AUG-2006                                                                              |
| <b>Filing Date:</b>                      |                                                                                          |
| <b>Time Stamp:</b>                       | 16:29:47                                                                                 |
| <b>Application Type:</b>                 | U.S. National Stage under 35 USC 371                                                     |
| <b>International Application Number:</b> | PCT/DE05/00299                                                                           |

### Payment information:

|                                                                                                                                                                                             |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Submitted with Payment                                                                                                                                                                      | yes     |
| Payment was successfully received in RAM                                                                                                                                                    | \$ 1230 |
| RAM confirmation Number                                                                                                                                                                     | 229     |
| Deposit Account                                                                                                                                                                             | 500471  |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:<br>Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17 |         |

### File Listing:

| Document Number | Document Description                             | File Name                   | File Size(Bytes) | Multi Part | Pages |
|-----------------|--------------------------------------------------|-----------------------------|------------------|------------|-------|
| 1               | Application Data Sheet                           | ApplicationDataSheet.pdf    | 1211127          | no         | 5     |
| Warnings:       |                                                  |                             |                  |            |       |
| Information:    |                                                  |                             |                  |            |       |
| 2               | Transmittal letter                               | 371Transmittal.pdf          | 254685           | no         | 3     |
| Warnings:       |                                                  |                             |                  |            |       |
| Information:    |                                                  |                             |                  |            |       |
| 3               | Specification                                    | Specification.pdf           | 57210            | no         | 16    |
| Warnings:       |                                                  |                             |                  |            |       |
| Information:    |                                                  |                             |                  |            |       |
| 4               |                                                  | PrelimAmendment.pdf         | 330061           | yes        | 9     |
|                 | Multipart Description                            |                             |                  |            |       |
|                 | Doc Desc                                         |                             | Start            | End        |       |
|                 | Preliminary Amendment                            |                             | 1                | 1          |       |
|                 | Specification                                    |                             | 2                | 3          |       |
|                 | Abstract                                         |                             | 4                | 4          |       |
|                 | Claims                                           |                             | 5                | 8          |       |
|                 | Applicant Arguments/Remarks Made in an Amendment |                             | 9                | 9          |       |
| Warnings:       |                                                  |                             |                  |            |       |
| Information:    |                                                  |                             |                  |            |       |
| 5               | Specification                                    | SubstituteSpecification.pdf | 103046           | no         | 9     |
| Warnings:       |                                                  |                             |                  |            |       |
| Information:    |                                                  |                             |                  |            |       |
| 6               | Specification                                    | SubSpecWithMarkings.pdf     | 121326           | no         | 10    |
| Warnings:       |                                                  |                             |                  |            |       |
| Information:    |                                                  |                             |                  |            |       |

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| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Oath or Declaration filed                    | Declaration.pdf | 100991  | no | 3  |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                 |         |    |    |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                 |         |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Drawings                                     | Drawings.pdf    | 143523  | no | 3  |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                 |         |    |    |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                 |         |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Information Disclosure Statement (IDS) Filed | IDS.pdf         | 735223  | no | 5  |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                 |         |    |    |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                 |         |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Foreign Reference                            | EP0926939B1.pdf | 1043780 | no | 20 |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                 |         |    |    |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                 |         |    |    |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fee Worksheet (PTO-875)                      | fee-info.pdf    | 8662    | no | 2  |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                 |         |    |    |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                 |         |    |    |
| <b>Total Files Size (in bytes):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                 | 4109634 |    |    |
| <p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b><br/> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b><br/> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> |                                              |                 |         |    |    |